



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For: **A METHOD AND
APPARATUS FOR IMAGE
PROCESSING**

Technology Center 2100

September 19, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant respectfully directs the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. A copy of each document so listed is enclosed.

U.S. Patent No. 4,891,710
U.S. Patent No. 5,805,738
U.S. Patent No. 6,330,075
Japan 6-66876
Japan 7-22334
Japan 7-93682
Japan 11-146201
Japan 9-179974
Japan 5-075863

R. Floyd, et al., "An Adaptive Algorithm for Spatial Grey Scale", Society for Information Display, 1975, pp-36.

It is noted that U.S. Patent 4,891,170 is an English language counterpart for each of Japan 6-66876, Japan 7-22334 and Japan 7-93682, and U.S. Patent No. 5,805,738 is an English language counterpart for Japan 9-179974.

An English language translation has been obtained for the document Japan 5-075863 and is enclosed for the Examiner's consideration.

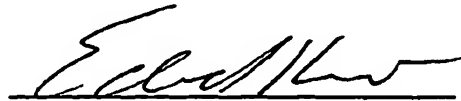
English-language abstracts for each of the foregoing Japanese documents have been located and are enclosed for the Examiner's consideration. In addition, the foregoing Japanese documents are discussed in the specification and might be deemed pertinent for the reasons given there.

The concise explanation of relevance for each of the non-English language documents is believed to be satisfied by any of the English language abstracts, the discussion of relevance provided in the specification, the English language counterparts, and the English language translation. See MPEP § 609.

Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449 and returning the initialed form to Applicant with the next communication.

Applicant's undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,



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